

FY 2007 CRC

FY 2007 CRC Calculation (Projection) (January 2006)

				FY2007	
Step 1	BFBB	Basin Fund Beginning Balance (\$)	\$	45,000,000	Projected beginning balance for FY2007 per financial cash flow analysis
	BFTB	Basin Fund Target Balance	\$	22,270,950	Basin Fund Target Balance = 15% * PAE
	PAR	Projected Annual Revenue (\$) w/o CRC	\$	160,620,000	Per financial cash flow analysis plus projected additional revenue from rate adjustment
	PAE	Projected Annual Expense (\$)	\$	148,473,000	Per financial cash flow analysis
	NR	Net Revenue (\$)	\$	12,147,000	= PAR - PAE
	NB	Net Balance (\$)	\$	57,147,000	= BFBB + NR
Step 2	EA	SHP Energy Allocation (GWh)		4,753.14	FY '07 Shp energy allocation excluding project use
	HE	Forecasted Hydro Energy (GWh)		5,071.76	Projected generation from November 2005 24-month study, does not include project
	FE	Forecasted Energy Purchase (GWh)		-	Forecasted Energy Purchase (GWh) from the November 24 month
	Price	Average price per MWh for purchased power	\$	77.14	Average price = 60% onpeak + 40% offpeak
	FX	Forecasted Energy Purchase Expense (\$)	\$	17,527,034	Estimated purchased power costs based upon monthly purchases from the November 2005 24-month
Step 3	FA1	Basin Fund Balance Factor (\$)	\$	17,527,034	If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB) Formula is: =IF(NB>BFTB,FX,FX-(BFTB-NB))
	FA2	Revenue Factor (\$)	\$	17,527,034	If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+(25% * BFBB))
	FA	Funds Available (\$) (Lesser of FA1 or FA2)	\$	17,527,034	Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
	FARR	Additional Revenue to be Recovered (FX-FA)	\$	-	Funds available for firming purchases
Step 4	WL	Waiver Level (GWh)		5,072	=FX-FA
	WLP	Waiver level percentage of full SHP		107%	=FX-FA
	CRCE	CRC Energy GWh (EA-WL)		0	Equals the lesser of SHP or HE + (FE * (FA / FX))
	CRCEP	CRC level percentage of full SHP		0%	Percent of waiver level to full SHP
	CRC	Cost Recovery Charge (mills/kWh)		-	= EA-WL (Does not include losses projected at 7.81%)
Note:		Cash flow projections 12/05 November 2005, 24 month study			Percent of CRCE to full SHP or CRCE/EA
					=FARR / (EA * 1000)